

In the Abstract:

Please **delete** the three paragraphs at **page 25 lines 2 to 25**

Please **add** a new paragraph at **page 25 line 26** as follows:

In a method for determining the distance between two transmitting and receiving stations, a transmission signal is generated in each station and is transmitted as a series of microwave pulses having a predefined pulse repetition frequency to the other respective station. The coincidence of pulses of the transmission signal sent by the respective station and the signal received by the station is detected in each station as a coincidence event, and the number of pulses transmitted and received by the respective station at the time of the coincidence event is determined. The distance between the stations is then calculated on the basis of the number of the determined pulses.

[RESPONSE CONTINUES ON NEXT PAGE]

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